Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102825\
Data File : BG064613.D
Acq On : 28 Oct 2025 22:39
Operator : RC/JU
Sample : Q3460-13 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-4

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/29/2025
Supervised By :mohammad ahmed 11/05/2025

Quant Time: Nov 04 05:55:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.215	152	43582	20.000	ng		0.00
21) Naphthalene-d8	11.041	136	157160	20.000	ng		0.00
39) Acenaphthene-d10	14.837	164	116430	20.000	ng		0.00
64) Phenanthrene-d10	17.575	188	253116	20.000	ng		0.00
76) Chrysene-d12	21.846	240	306642	20.000	ng		-0.01
86) Perylene-d12	25.189	264	339356	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.747	112	45957	17.700	ng		0.00
7) Phenol-d6	7.345	99	58810	16.506	ng		0.00
23) Nitrobenzene-d5	9.378	82	35865	13.707	ng		0.00
42) 2,4,6-Tribromophenol	16.311	330	27878	16.590	ng		0.00
45) 2-Fluorobiphenyl	13.468	172	92106	11.991	ng		0.00
79) Terphenyl-d14	20.160	244	167937	10.335	ng		-0.01
Target Compounds							Qvalue
71) Phenanthrene	17.616	178	64937	4.691	ng		98
75) Fluoranthene	19.607	202	191266	11.030	ng		97
78) Pyrene	19.972	202	205725	10.269	ng		100
81) Benzo(a)anthracene	21.828	228	131327	6.459	ng		99
83) Chrysene	21.893	228	114659m	5.927	ng		
87) Indeno(1,2,3-cd)pyrene	29.008	276	70043	2.806	ng		96
88) Benzo(b)fluoranthene	24.126	252	150585	7.236	ng		98
89) Benzo(k)fluoranthene	24.190	252	42047m	2.019	ng		
90) Benzo(a)pyrene	25.025	252	112448	5.879	ng		98
92) Benzo(g,h,i)perylene	30.195	276	68395	3.530	ng	#	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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